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L1	1	"6905854".pn	USPAT	OR	OFF	2005/09/18 16:18
L2	1	"6699699".pn	USPAT	OR	OFF	2005/09/18 17:00
L3	3	streptomyces near10 (penicillin near2 expandase)	USPAT	OR	OFF	2005/09/18 17:03
L4	14	streptomyces near10 (deacetoxycephalosporin near2 (synthase or synthetase))	USPAT	OR	OFF	2005/09/18 17:02
L5	15	L3 or L4	USPAT	OR	OFF	2005/09/18 17:02
L6	12	l5 and (variant or mutant or mutated or mutation or mutating)	USPAT	OR	OFF	2005/09/18 17:03
L7	8173	(penicillin near2 expandase) or (deacetoxycephalosporin near2 synthase or synthetase)	USPAT	OR	OFF	2005/09/18 17:04
L8	245	l7 near8 (variant or mutant or mutated or mutation or mutating)	USPAT	OR	OFF	2005/09/18 17:05
L9	15	l3 or l4	USPAT	OR	OFF	2005/09/18 17:05
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(SYNTHASE OR  
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The effect of cysteine mutations on recombinant deacetoxycephalosporin C synthase from *S. clavuligerus*.  
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 The role of arginine residues in substrate binding and catalysis by deacetoxycephalosporin C synthase.  
Eur J Biochem. 2002 Jun;269(11):2735-9.  
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Biosci Biotechnol Biochem. 2000 Apr;64(4):828-32.  
PMID: 10830499 [PubMed - indexed for MEDLINE]

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J Mol Biol. 1999 Apr 16;287(5):943-60.  
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Structure of a cephalosporin synthase.  
Nature. 1998 Aug 20;394(6695):805-9.  
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Isolation and identification of a new cephem compound from  
Penicillium chrysogenum strains expressing deacetoxycephalosporin  
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